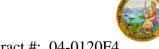
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-005042 Address: 333 Burma Road **Date Inspected:** 02-Dec-2008

City: Oakland, CA 94607

OSM Arrival Time: 1330 **Project Name:** SAS Superstructure **OSM Departure Time:** 2230 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes NA No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A Yes N/A **Electrode to specification:** No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes No N/A **Delayed / Cancelled:**

34-0006 **Bridge No: Component: OBG** Fabrication

Summary of Items Observed:

OBG Bay #7

The QA Inspector performed random final visual and ultrasonic (UT) inspections of OBG floor beams welds FB009-011-045, FB011-011-045, FB009-010-045, FB016-021-045, FB020-003-021, 078, 079, 080, 081, 101, 108, 117, 122, 125, 126 and 127. The QA Inspector observed the welds that were ultrasonically inspected by this QA Inspector appear to comply with AWS D1.5 UT requirements. For additional information on these inspections see the TL6027 Ultrasonic Test Report.

The QA Inspector performed random final visual and ultrasonic (UT) inspections of OBG longitudinal diaphragm welds LD033-001-022, LD033-001-025, LD034-001-025, LD025-001-011, LD025-001-012, LD030-001-020, LD030-001-023, LD030-001-027, LD030-001-030, LD030-001-031, LD029-001-022, LD029-001-023, LD029-001-024, LD029-001-027, LD029-001-030, LD029-001-31, LD026-001-011 and LD026-001-012. The QA Inspector observed the welds that were ultrasonically inspected by this QA Inspector appear to comply with AWS D1.5 UT requirements. These welds are listed on ZPMC Notification of Witness Inspection document 1530. For additional information on these inspections see the TL6027 Ultrasonic Test Report.

Caltrans QA Office

The QA Inspector performed a review of radiograph film for edge plate welds EP076-001-035 view 2-5; EP088-001-035 view 5-8; EP072-001-001 view 4-7 and EP084-001-001 view 3-6. All radiography films appear to comply with project specifications. A separate TL-29 "Radiographic Film Review" report will be issued to

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

document this inspection and Caltrans lot number B63-002-08 has been assigned to document this review.

Assembly Bay

The QA Inspector performed random final visual and ultrasonic (UT) inspections of OBG longitudinal diaphragm welds SEG023C-002, SEG23C-033, SEG23C-020, SEG023B-002 and SEG023B-025. The QA Inspector observed the welds that were ultrasonically inspected by this QA Inspector appear to comply with AWS D1.5 UT requirements. These welds are listed on ZPMC Notification of Witness Inspection document 1515. For additional information on these inspections see the TL6027 Ultrasonic Test Report

Summary of Conversations:

See above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ady Velasco 13816942685, who represents the Office of Structural Materials for your project.

Inspected By:	Dawson,Paul	Quality Assurance Inspector
Reviewed By:	Carreon, Albert	QA Reviewer